

Wednesday (26 Sep 2018)

	Time	Topic	Speaker
Riverview Cafe	7:00 - 8:00	Registration and Continental Breakfast	
Meyer Room	8:00 - 8:15	Welcome and General Announcements	Ms. Debora Naguy, AFLCMC/EZP
Meyer Room	8:15 - 9:00	Way Forward with Additive Manufacturing	AFLCMC
Meyer Room	9:00 - 9:45	State of Additive Manufacturing (AM)	AFRL
Meyer Room	9:45 - 10:00	Break	
Meyer Room	10:00 - 10:30	Integrating Metals AM	REACT
Meyer Room	10:30 - 11:00	Validating & Qualifying Components using New Technologies	TBD
Meyer Room	11:00 - 11:30	Course track information	UDRI

Riverview Cafe

Lunch

	Meyer Room	Marshall Room	North Dining Room	Auditorium	M2265 - 60	M2320-32	ATTC	ATTC	ATTC						
13:00	Class 1 (100)	Class 2 (100)	Class 3 (100)	Class 4 (100)	Class 5 (25)	Class 6 (25)	Hands On 1 (4)	Hands On 2(4)	Hands On 3(4)						
13:15	Fundamentals of AM & Cold Spray	Fundamentals of AM & Cold Spray	Fundamentals of AM & Cold Spray	Fundamentals of AM & Cold Spray	No class offered	No class offered	Hands on Operator Training on Fortus 900 (Polymers)- Group 1, Part 1	Hands on Operator Training on Fortus 900 (Polymers)- Group 2, Part 1	Hands on Operator Training on Fortus 900 (Polymers)- Group 3, Part 1						
13:30															
13:45															
14:00															
14:15															
14:30															
14:45										Break	Break	Break	Break	Break	Break
15:00										AM Case Study	AM Materials (Metals & Polymers)	Guidance - AF AM Policy	Design for AM (Polymers)	Support structure & print file prep w/ Insight (polymers)	SolidWorks Refresher
15:15										Break	Break	Break	Break		
15:30										Types of Additive Processes	AM Case Study	Guidance - AM Facility Requirements (Metals & Polymers)	Design for AM (Metals)		
16:15															
16:30															
16:45															

Lecture

Computer Lab courses

Operator training (hands on)

Thursday (27 Sep 2018)


				ATTC	ATTC	ATTC
				Hands On 1 (4)	Hands On 2 (4)	Hands On 3 (4)
	Time	Topic	Speaker			
Riverview Cafe	7:00 - 8:00	Registration and Continental Breakfast		Hands on Operator Training on Fortus 900 (Polymers)- Group 1, Part 2	Hands on Operator Training on Fortus 900 (Polymers)- Group 2, Part 2	Hands on Operator Training on Fortus 900 (Polymers)- Group 3, Part 2
Meyer Room	8:00 - 8:45	America Makes & MAMLS Overview	Rob Gorham, America Makes			
Meyer Room	8:45 - 9:30	Toward AM Qualification (AM Sand Casting, Certified Ultem 9085 for Aircraft Interiors, MAMLS Parts-Case Studies)	John Wilczynski, America Makes			
Meyer Room	9:30 - 10:15	Future Efforts Toward AM Qualifications	Dennis Butcher, AFRL			
Meyer Room	10:15 - 10:30	Break				
Meyer Room	10:30 - 11:00	Tinker Topic TBD	AFSC			
Meyer Room	11:00 - 11:45	AM Case Studies	UDRI			

Lunch

	Meyer Room	Marshall Room	North Dining Room	Auditorium	M2265 - 60	M2380 - 40	M2320 - 32	ATTC	ATTC	ATTC
	Class 1 (100)	Class 2 (100)	Class 3 (100)	Class 4 (100)	Class 5 (25)	Class 6 (25)	Class 7 (25)	Hands On 4 (4)	Hands On 5 (4)	Hands On 6 (4)
13:00	AM Materials (Metals & Polymers)	Support Structure Considerations (Metals & Polymers)	Guidance - AF AM Policy	AM Case Study	Support structure & print file prep w/ insight (Polymers)	Basic Solidworks Training	Scanning & Modeling w/ DesignX	Hands on Operator Training on Fortus 900 (Polymers)- Group 4, Part 1	Hands on Operator Training on Fortus 900 (Polymers)- Group 5, Part 1	Hands on Operator Training on Fortus 900 (Polymers)- Group 6, Part 1
13:15										
13:30										
13:45	Break	Break	Break	Break						
14:00	Design for AM (Polymers)	AM Case Study	Guidance - AM Facility Requirements (Metals & Polymers)	Post Processing (Polymers)						
14:15										
14:30										
14:45	Break	Break	Break	Break	Break					
15:00	Post Processing (Polymers)	Open Meeting Space	AM Case Study	Post Processing (Metals)	Build file preparation & support generation using SolidWorks, Magics, EOS Print, RP Tools (Metals)					
15:15										
15:30										
15:45	Break	Break	Break	Break						
16:00	Post Processing (Metals)	Open Meeting Space	AM Case Study	Design for AM (Metals)						
16:15										
16:30										
16:45										

 Lecture

 Computer Lab courses

 Operator training (hands on)

Friday (28 Sep 2018)

	Meyer Room	Marshall Room	North Dining Room	M2265 - 60	M2320-32	ATTC	ATTC	ATTC
	Class 1 (100)	Class 2 (100)	Class 3 (100)	Class 4 (25)	Class 5 (25)	Hands On 4 (4)	Hands On 5 (4)	Hands On 6 (4)
8:00	Types of Additive Processes	Guidance - AF AM Policy	Cold Spray Materials	Advanced Support Structure Design and Print file prep w/ Insight for current Insight users	Scanning & Modeling w/ DesignX	Hands on Operator Training on Fortus 900 (Polymers)- Group 4, Part 2	Hands on Operator Training on Fortus 900 (Polymers)- Group 5, Part 2	Hands on Operator Training on Fortus 900 (Polymers)- Group 6, Part 2
8:15								
8:30								
8:45								
	Break	Break	Break					
9:00	Support Structure Considerations (Metals & Polymers)	Guidance - AM Facility Requirements (Metals & Polymers)	Design for cold spray					
9:15								
9:30								
9:45								
	Break	Break	Break					
10:00	AM Study Case	Open Meeting Space	Cold Spray Case Study					
10:15								
10:30								
10:45								
	Break	Break	Break					
11:00	AM Study Case	Open Meeting Space	Cold Spray Facility Tour					
11:15								
11:30								
Lunch								

Lecture

Computer Lab courses

Operator training (hands on)